

## ABSTRACT

In an image transmission system for a mobile robot that can move about and look for persons such as children separated from their parents in places where a large number of people congregate, a face image is cut out from a captured image of a  
5 detected human, and the cut out face image is transmitted to a remote terminal or a large screen. By thus cutting out the image of the face, even when the image signal is transmitted to a remote terminal having a small screen, the face image can be shown in a clearly recognizable manner. Also when the image is shown in a large screen, the  
10 viewer can identify the person even from a great distance. The transmitted image may be attached with various pieces of information such as the current location of the robot.